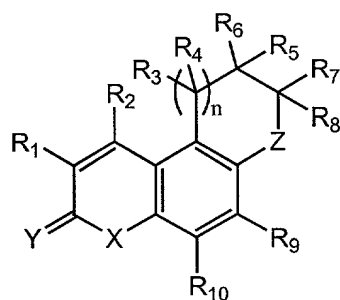


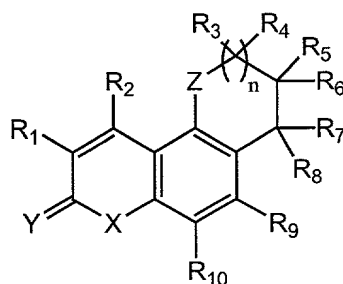
What is claimed is:

1. A compound of the formula:



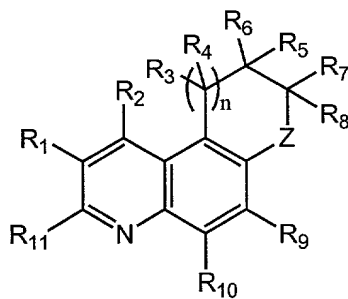
(I)

OR



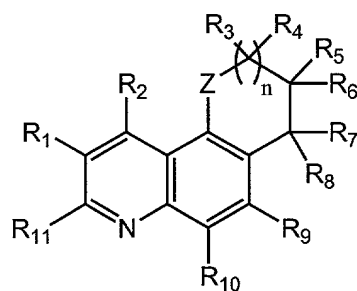
(II)

OR



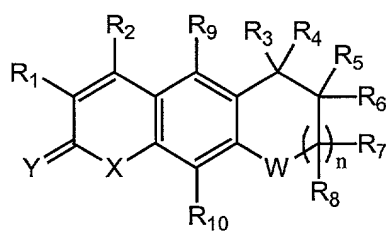
(III)

OR



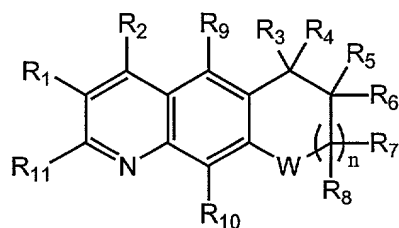
(IV)

OR



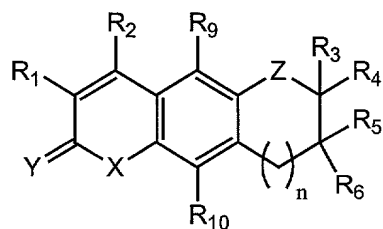
(V)

OR



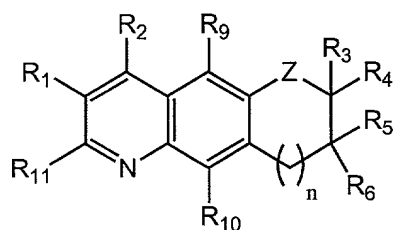
(VI)

OR



(VII)

OR



(VIII)

wherein:

R^1 is selected from the group of hydrogen, F, Cl, Br, I, NO_2 , OR^{12} , SR^{12} , SOR^{12} , SO_2R^{12} , $\text{NR}^{12}\text{R}^{13}$, $\text{C}_1\text{-C}_8$ alkyl, $\text{C}_1\text{-C}_8$ haloalkyl and $\text{C}_1\text{-C}_8$ heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted;

R^2 is selected from the group of hydrogen, F, Cl, Br, I, CH_3 , CF_3 , CHF_2 , CH_2F , CF_2Cl , CN , $\text{CF}_2\text{OR}^{12}$, $\text{CH}_2\text{OR}^{12}$, OR^{12} , SR^{12} , SOR^{12} , SO_2R^{12} , $\text{NR}^{12}\text{R}^{13}$, $\text{C}_1\text{-C}_8$ alkyl, $\text{C}_1\text{-C}_8$ haloalkyl, $\text{C}_1\text{-C}_8$ heteroalkyl, $\text{C}_2\text{-C}_8$ alkenyl and $\text{C}_2\text{-C}_8$ alkynyl, wherein the alkyl, haloalkyl, heteroalkyl, alkenyl and alkynyl groups may be optionally substituted;

R^3 through R^8 each independently is selected from the group of hydrogen, F, Cl, Br, I, OR^{12} , $\text{NR}^{12}\text{R}^{13}$, SR^{12} , SOR^{12} , SO_2R^{12} , $\text{C}_1\text{-C}_8$ alkyl, $\text{C}_1\text{-C}_8$ haloalkyl, $\text{C}_1\text{-C}_8$ heteroalkyl, $\text{C}_2\text{-C}_8$ alkynyl, $\text{C}_2\text{-C}_8$ alkenyl, aryl, heteroaryl and arylalkyl, wherein the alkyl, haloalkyl,

heteroalkyl, alkynyl, alkenyl, aryl, heteroaryl and arylalkyl groups may be optionally substituted; or

R^3 and R^5 taken together form a bond; or

R^5 and R^7 taken together form a bond; or

R^4 and R^6 taken together form a three- to eight-membered saturated or unsaturated carbocyclic or heterocyclic ring, wherein the carbocyclic or heterocyclic ring may optionally substituted; or

R^6 and R^8 taken together form a three- to eight-membered saturated or unsaturated carbocyclic or heterocyclic ring, wherein the carbocyclic or heterocyclic ring may optionally substituted;

R^9 and R^{10} each independently is selected from the group of hydrogen, F, Cl, Br, I, CN, OR^{12} , $NR^{12}R^{13}$, $C_m(R^{12})_{2m}OR^{13}$, SR^{12} , SOR^{12} , SO_2R^{12} , $NR^{12}C(O)R^{13}$, C_1 - C_8 alkyl, C_1 - C_8 haloalkyl, C_1 - C_8 heteroalkyl and arylalkyl, wherein the alkyl, haloalkyl, heteroalkyl and arylalkyl groups may be optionally substituted;

5 R^{11} is selected from the group of hydrogen, F, Br, Cl, I, CN, C_1 - C_8 alkyl, C_1 - C_8 haloalkyl, C_1 - C_8 heteroalkyl, OR^{14} , $NR^{14}R^{13}$, SR^{14} , CH_2R^{14} , $C(O)R^{14}$, CO_2R^{14} , $C(O)NR^{14}R^{13}$, SOR^{14} and SO_2R^{14} , wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted;

10 R^{12} and R^{13} each independently is selected from the group of hydrogen, C_1 - C_8 alkyl, C_1 - C_8 haloalkyl, C_1 - C_8 heteroalkyl, C_2 - C_8 alkenyl, C_2 - C_8 alkynyl, heteroaryl and aryl, wherein the alkyl, haloalkyl, heteroalkyl, alkenyl, alkynyl, heteroaryl and aryl groups may be optionally substituted;

15 R^{14} is selected from the group of hydrogen, C_1 - C_8 alkyl, C_1 - C_8 haloalkyl, C_1 - C_8 heteroalkyl, aryl, heteroaryl, $C(O)R^{15}$, CO_2R^{15} and $C(O)NR^{15}R^{16}$, wherein the alkyl, haloalkyl, heteroalkyl, aryl and heteroaryl groups may be optionally substituted;

R^{15} and R^{16} each independently is selected from the group of hydrogen, C_1 - C_8 alkyl, C_1 - C_8 haloalkyl, C_1 - C_8 heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted;

W is O or S;

20 X is selected from the group of O, S and $N\{R^{14}\}$;

Y is selected from the group of O, S, $N\{R^{12}\}$, $NO\{R^{12}\}$ and $CR^{12}R^{13}$;

Z is selected from the group of O, S and $N\{R^{12}\}$;

n is 0, 1 or 2;

m is 0, 1, or 2;

25 and pharmaceutically acceptable salts thereof.

2. A compound according to claim 1, wherein R^2 is selected from the group of hydrogen, F, Cl, Br, CF_3 , CF_2Cl , CF_2H , CFH_2 , C_1 - C_6 alkyl, C_1 - C_6 haloalkyl and C_1 - C_6

heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted.

3. A compound according to claim 1, wherein R^2 is selected from the group of
5 CF_2OR^{12} , CH_2OR^{12} , OR^{12} , SR^{12} , SOR^{12} , SO_2R^{12} and $NR^{12}R^{13}$.

4. A compound according to claim 1, wherein R^2 is selected from the group of
hydrogen, F, Cl, Br, CF_3 , CF_2Cl , CF_2H , CFH_2 , C_1 - C_4 alkyl, C_1 - C_4 haloalkyl, C_1 - C_4
heteroalkyl, C_2 - C_4 alkenyl and C_2 - C_4 alkynyl, wherein the alkyl, haloalkyl, heteroalkyl,
10 alkenyl and alkynyl groups may be optionally substituted.

5. A compound according to claim 4, wherein R^2 is selected from the group of
hydrogen, F, Cl, CF_3 , CF_2Cl , CF_2H , CFH_2 and optionally substituted C_1 - C_4 alkyl.

6. A compound according to claim 1, wherein R^9 and R^{10} each independently is
selected from hydrogen, F, Cl, Br, C_1 - C_6 alkyl, C_1 - C_6 haloalkyl and C_1 - C_6 heteroalkyl,
wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted

7. A compound according to claim 6, wherein R^9 and R^{10} each independently is
20 selected from the group of hydrogen, F, Cl, C_1 - C_4 alkyl, C_1 - C_4 haloalkyl and C_1 - C_4
heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally
substituted.

8. A compound according to claim 7, wherein R^9 and R^{10} each independently is
25 selected from the group of hydrogen, F and CH_3 .

9. A compound according to claim 1, wherein R^1 is selected from the group of hydrogen, F, Cl, Br, I, $C_1 - C_6$ alkyl, $C_1 - C_6$ haloalkyl and $C_1 - C_6$ heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted.

5 10. A compound according to claim 9, wherein R^1 is selected from the group of hydrogen, F, Cl, $C_1 - C_4$ alkyl, $C_1 - C_4$ haloalkyl and $C_1 - C_4$ heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted.

10 11. A compound according to claim 9, wherein R^1 is hydrogen or F.

12. A compound according to claim 1, wherein Y and W each independently is O or S.

15 13. A compound according to claim 12, wherein Y and W are each O.

14. A compound according to claim 1, wherein R^{11} is selected from the group of hydrogen, F, Br, Cl, CN, $C_1 - C_6$ alkyl, $C_1 - C_6$ haloalkyl, $C_1 - C_6$ heteroalkyl, OR^{14} , $NR^{14}R^{13}$, SR^{14} , CH_2R^{14} , $C(O)R^{14}$, CO_2R^{14} , $C(O)NR^{14}R^{13}$, SOR^{14} and SO_2R^{14} , wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted.

20 15. A compound according to claim 14, wherein R^{11} is selected from the group of hydrogen, F, Cl, OR^{14} , SR^{14} , $NR^{14}R^{13}$, CH_2R^{14} , $C(O)R^{14}$, CO_2R^{14} , $C(O)NR^{14}R^{13}$, SOR^{14} , SO_2R^{14} and optionally substituted $C_1 - C_4$ alkyl.

25 16. A compound according to claim 15, wherein R^{11} is selected from the group of hydrogen, F, Cl, OR^{14} and SR^{14} .

17. A compound according to claim 16, wherein R^{11} is OR^{14} .

18. A compound according to claim 1, wherein Z is O or N{R¹²}.

19. A compound according to claim 18, wherein Z is N{R¹²}.

20. A compound according to claim 18, wherein Z is O.

21. A compound according to claim 1, wherein n is 0 or 1.

22. A compound according to claim 21, wherein n is 0.

23. A compound according to claim 1, wherein R¹² is selected from the group of hydrogen, C₁-C₆ alkyl, C₁-C₆ haloalkyl, C₁-C₆ heteroalkyl, C₂-C₆ alkenyl, C₂-C₆ alkynyl, heteroaryl and aryl, wherein the alkyl, haloalkyl, heteroalkyl, alkenyl, alkynyl, heteroaryl and aryl groups may be optionally substituted.

24. A compound according to claim 23, wherein R¹² is selected from the group of hydrogen, C₁-C₄ alkyl, C₁-C₄ haloalkyl and C₁-C₄ heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted.

25. A compound according to claim 1, wherein R¹³ is selected from the group of hydrogen, C₁-C₆ alkyl, C₁-C₆ haloalkyl, C₁-C₆ heteroalkyl, C₂-C₆ alkenyl, C₂-C₆ alkynyl, heteroaryl and aryl, wherein the alkyl, haloalkyl, heteroalkyl, alkenyl, alkynyl, heteroaryl and aryl groups may be optionally substituted.

26. A compound according to claim 25, wherein R¹³ is selected from the group of hydrogen, C₁-C₄ alkyl, C₁-C₄ haloalkyl and C₁-C₄ heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted.

27. A compound according to claim 1, wherein X is O or N{R¹⁴}.

28. A compound according to claim 27, wherein X is N{R¹⁴}.

29. A compound according to claim 28, wherein X is NH.

30. A compound according to claim 1, wherein R³ and R⁴ each independently is selected from the group of hydrogen, C₁-C₆ alkyl, C₁-C₆ haloalkyl and C₁-C₆ heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted; or R³ and R⁵ taken together form a bond; or R⁴ and R⁶ taken together form a four to six membered saturated or unsaturated carbocyclic or heterocyclic ring, wherein the carbocyclic or heterocyclic ring may be optionally substituted.

31. A compound according to claim 30, wherein R³ and R⁴ each independently is selected from the group of hydrogen, C₁-C₄ alkyl, C₁-C₄ haloalkyl and C₁-C₄ heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted.

32. A compound according to claim 1, wherein R⁵ and R⁷ each independently is selected from the group of hydrogen, C₁-C₆ alkyl, C₁-C₆ haloalkyl and C₁-C₆ heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted; or R⁵ and R⁷ taken together form a bond.

33. A compound according to claim 32, wherein R⁵ and R⁷ each independently is selected from the group of hydrogen, C₁-C₄ alkyl, C₁-C₄ haloalkyl and C₁-C₄ heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted.

34. A compound according to claim 1, wherein R⁶ and R⁸ each independently is selected from the group of hydrogen, C₁-C₆ alkyl, C₁-C₆ haloalkyl, C₁-C₆ heteroalkyl, heteroaryl and aryl, wherein the alkyl, haloalkyl, heteroalkyl, heteroaryl and aryl groups may be optionally substituted; or

5 R⁶ and R⁸ taken together form a three to eight membered saturated or unsaturated carbocyclic or heterocyclic ring, wherein the carbocyclic or heterocyclic ring may be optionally substituted.

35. A compound according to claim 34, wherein R⁶ and R⁸ each independently is selected from the group of hydrogen, C₁ - C₄ alkyl, C₁ - C₄ haloalkyl, C₁ - C₄ heteroalkyl, heteroaryl and aryl, wherein alkyl, haloalkyl, heteroaryl and aryl may be optionally substituted; or

10 R⁶ and R⁸ taken together form a four to six membered saturated or unsaturated carbocyclic or heterocyclic ring, wherein the carbocyclic or heterocyclic ring may be optionally substituted.

36. A compound according to claim 1, wherein:

R¹ is selected from the group of hydrogen, F, Cl, Br, I, C₁-C₆ alkyl, C₁-C₆ haloalkyl and C₁-C₆ heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted;

20 R² is selected from the group of hydrogen, F, Cl, Br, CF₃, CF₂Cl, CF₂H, CFH₂, C₁-C₆ alkyl; C₁-C₆ haloalkyl and C₁-C₆ heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted; and

25 R³ and R⁴ each independently is selected from the group of hydrogen, C₁-C₆ alkyl, C₁-C₆ haloalkyl and C₁-C₆ heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted.

37. A compound according to claim 36, wherein:

R^5 through R^8 each independently is selected from the group of hydrogen, C_1 - C_6 alkyl, C_1 - C_6 haloalkyl and C_1 - C_6 heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted; or

5 R^6 and R^8 taken together form a four to six membered saturated or unsaturated carbocyclic or heterocyclic ring, wherein the carbocyclic or heterocyclic ring may be optionally substituted.

38. A compound according to claim 37, wherein:

10 R^9 and R^{10} each independently is selected from the group of hydrogen, F, Cl, Br, C_1 - C_6 alkyl, C_1 - C_6 haloalkyl and C_1 - C_6 heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted;

R^{12} is selected from the group of hydrogen, C_1 - C_6 alkyl, C_1 - C_6 haloalkyl and C_1 - C_6 heteroalkyl, C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, heteroaryl and aryl, wherein the alkyl, haloalkyl, heteroalkyl, alkenyl, alkynyl, heteroaryl and aryl groups may be optionally substituted; and

15 R^{14} is selected from the group of hydrogen, C_1 - C_6 alkyl, C_1 - C_6 haloalkyl, C_1 - C_6 heteroalkyl, $C(O)R^{15}$, CO_2R^{15} and $C(O)NR^{15}R^{16}$, wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted.

39. A compound according to claim 38, wherein:

20 W is O or S;

X is O or $N\{R^{14}\}$;

Y is O or S;

Z is O or $N\{R^{12}\}$; and

n is 0 or 1.

25

40. A compound according to claim 1, wherein said compound is selected from the group of:

5,6,7,8-Tetrahydro-7,7-dimethyl-4-trifluoromethylpyridino[3,2-*f*]quinolin-2(1*H*)-one;

- 5,6,7,8-Tetrahydro-7,7-diethyl-4-trifluoromethylpyridino[3,2-*f*]quinolin-2(1*H*)-one;
7,8-Dihydro-7,7-dimethyl-4-trifluoromethylpyridino[3,2-*f*]quinolin-2(1*H*)-one;
5,6,7,8-Tetrahydro-7,7,8-trimethyl-4-trifluoromethylpyridino[3,2-*f*]quinolin-2(1*H*)-one;
8-Ethyl-5,6,7,8-tetrahydro-7,7-dimethyl-4-trifluoromethylpyridino[3,2-*f*]quinolin-2(1*H*)-one;
5 5,6,7,8-Tetrahydro-7,7-dimethyl-4-trifluoromethyl-8-propylpyridino[3,2-*f*]quinolin-2(1*H*)-one;
8-(2,2,2-Trifluoroethyl)-5,6,7,8-tetrahydro-7,7-dimethyl-4-trifluoromethyl-pyridino[3,2-*f*]quinolin-2(1*H*)-one;
6-Hydrazino-4-trifluoromethylquinolin-2(1*H*)-one;
10 6-Methyl-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
5-Isopropyl-6-methyl-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
5-Allyl-6-methyl-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
5-(4-Methoxyphenyl)-6-methyl-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
5-(3-Trifluoromethylphenyl)-6-methyl-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
15 one;
4-Trifluoromethyl-5,6,7,8-tetrahydrocyclopentano[*g*]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
4-Trifluoromethyl-5,6,7,8,9,10-hexahydrocycloheptano[*g*]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
(±)-4*c*,5,6,7,7*a*(*cis*),8-Hexahydro-8-trifluoroethyl-4-trifluoromethylcyclopentano-
[*g*]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
20 (±)-6,6*a*,7,8,9,9*a*(*cis*)-Hexahydro-6-trifluoroethyl-4-trifluoromethylcyclopentano-
[*i*]pyrrolo[2,3-*g*]quinolin-2(1*H*)-one;
(±)-4*c*,5,6,7,7*a*(*cis*),8-Hexahydro-8-ethyl-4-trifluoromethylcyclopentano-[*g*]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
(±)-6,6*a*,7,8,9,9*a*(*cis*)-Hexahydro-6-ethyl-4-trifluoromethylcyclopentano-[*i*]pyrrolo[2,3-*g*]quinolin-2(1*H*)-one;
25 (±)-5,6-Dihydro-5,6-*cis*-dimethyl-7-trifluoroethyl-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

- (±)-7,8-Dihydro-7,8-*cis*-dimethyl-6-trifluoroethyl-4-trifluoromethyl-6*H*-pyrrolo[2,3-
g]quinolin-2(1*H*)-one;
- (±)-4c,5,6,7,7a(*cis*),8-Hexahydro-8-propyl-4-trifluoromethylcyclopentano-[g]pyrrolo-[3,2-
f]quinolin-2(1*H*)-one;
- 5 (±)-4c,5,6,7,7a(*cis*),8-Hexahydro-8-(3-furanylmethyl)-4-trifluoromethyl-
cyclopentano[g]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- (±)-4c,5,6,7,7a(*cis*),8-Hexahydro-8-(3-thiophenemethyl)-4-trifluoromethyl-
cyclopentano[g]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- (±)-4c,5,6,7,7a(*cis*),8-Hexahydro-8-(2-methylpropyl)-4-trifluoromethyl-
10 cyclopentano[g]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- (±)-4c,5,6,7,7a(*cis*),8-Hexahydro-8-(2,2,2-chlorodifluoroethyl)-4-
trifluoromethylcyclopentano[g]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- (±)-4c,5,6,7,7a(*cis*),8-Hexahydro-8-cyclopropylmethyl-4-trifluoromethyl-
cyclopentano[g]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- 15 (±)-4c,5,6,7,7a(*cis*),8-Hexahydro-8-(2,2-dimethoxyethyl)-4-trifluoromethyl-
cyclopentano[g]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- (±)-4c,5,6,7,8,8a(*cis*)-Hexahydro-9-(2,2,2-trifluoroethyl)-4-trifluoromethyl-9*H*-
cyclohexano[g]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- (±)-4c,5,6,7,8,9,9a(*cis*),10-Octahydro-10-(2,2,2-trifluoroethyl)-4-trifluoromethyl-
20 cycloheptano[g]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- (±)-5,6- *cis*-Dihydro-6-ethyl-5-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-
pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- (±)-5,6- *cis*-Dihydro-5-butyl-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-
pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- 25 (±)-5,6- *cis*-Dihydro-5-(4-nitrophenyl)-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-
7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

(±)-5,6- *cis*-Dihydro-5-(4-dimethylaminophenyl)-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

(±)-5,6- *cis*-Dihydro-5-(4-methoxyphenyl)-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

5 (±)-5,6- *cis*-Dihydro-5-(3-trifluoromethylphenyl)-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

(±)-5,6- *cis*-Dihydro-5-(4-fluorophenyl)-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

10 (±)-5,6-Dihydro-5-phenyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

(±)-5,6- *cis*-Dihydro-5-(4-methoxyphenyl)-6-methyl-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

(±)-5,6- *cis*-Dihydro-5-(4-methoxyphenyl)-6-methyl-7-(2,2-dimethoxyethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

15 (±)-5,6- *cis*-Dihydro-5-isopropyl-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

(±)-5,6-Dihydro-5-ethyl-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

20 (±)-5,6-Dihydro-5-ethyl-6-propyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

(±)-5,6-Dihydro-5-(2-ethoxycarbonyl-ethyl)-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

6-Ethyl-5-methyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

25 (±)-5,6-*cis*-Dihydro-5-methyl-6-ethyl-7-(2,2,2-trifluoroethyl)-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

5,6-Dimethyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

6-Ethyl-5-methyl-7-(2,2,2-trifluoroethyl)-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

- 6-Methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
6-Ethyl-5-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
5-Ethyl-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
5-Ethyl-6-propyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
5,6,7,8-Tetrahydro-8-trifluoroethyl-4-trifluoromethylcyclopentano[*g*]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
8-Trifluoroethyl-4-trifluoromethyl-6,8-dihydrocyclopentano[*g*]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
9-Trifluoroethyl-4-trifluoromethyl-9*H*-benzo[*g*]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
6-Trifluoroethyl-4-trifluoromethyl-6,7,8,9-tetrahydrocyclopentano[*i*]pyrrolo[2,3-*g*]quinolin-2(1*H*)-one;
5-(3-Trifluoromethylphenyl)-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
5-(4-Fluorophenyl)-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
5-(2-Ethoxycarbonyl-ethyl)-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
7-Ethyl-8-methyl-6-(2,2,2-trifluoroethyl)-4-trifluoromethyl-6*H*-pyrrolo[2,3-*g*]quinolin-2(1*H*)-one;
5-Hydroxymethyl-6-ethyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
5-Methyl-6-(1-hydroxyethyl)-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
5-Methyl-6-acetyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

- 5-Formyl-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- 5-Acetyloxymethyl-6-ethyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- 5 2-Acetyloxy-5-hydroxymethyl-6-ethyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinoline;
- 6-Ethyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- 5-Ethoxymethyl-6-ethyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- 10 6-(1-Methoxyethyl)-5-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- 7-Allyl-6-methyl-4-trifluoromethyl-5*H*-pyrrolo[2,3-*f*]quinolin-2(1*H*)-one;
- 6-Ethyl-7-methyl-4-trifluoromethyl-5*H*-pyrrolo[2,3-*f*]quinolin-2(1*H*)-one;
- 7-(3-Trifluoromethylphenyl)-6-methyl-4-trifluoromethyl-5*H*-pyrrolo[2,3-*f*]quinolin-2(1*H*)-one;
- 15 7-(2-Hydroxyethyl)-6-methyl-4-trifluoromethyl-5*H*-pyrrolo[2,3-*f*]quinolin-2(1*H*)-one;
- (+)-4*c*,5,6,7,7*a*(*cis*),8-Hexahydro-8-trifluoroethyl-4-trifluoromethylcyclopentano-[*g*]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- (-)-4*c*,5,6,7,7*a*(*cis*),8-Hexahydro-8-trifluoroethyl-4-trifluoromethylcyclopentano-[*g*]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- 20 4-Trifluoromethyl-6,7-dihydro-7,7,9-trimethyl-pyrido[2,3-*g*]quinolin-2(1*H*)-one;
- 8-(2,2,2-Trifluoroethyl)-5,6,7,8-tetrahydro-5,7,7-trimethylpyrido[3,2-*f*]quinolin-2(1*H*)-one;
- 4,5,7-Tri(trifluoromethyl)pyrido[3,2-*f*]quinolin-2(1*H*)-one;
- 5,7-Bis(trifluoromethyl)pyrido[3,2-*f*]quinolin-2(1*H*)-one;
- 25 4-Trifluoromethyl-7-methyl-6,7,8,9-tetrahydropyrido[2,3-*g*]quinolin-2(1*H*)-one;
- 4-Trifluoromethyl-7,8-dihydro-6*H*-pyrrolo[2,3-*g*]quinolin-2(1*H*)-one;
- 4-Trifluoromethyl-5,6,7,8-terahydropyrido[2,3-*g*]quinolin-2(1*H*)-one;
- 4-Trifluoromethyl-7-methyl-6-propyl-6,7,8,9-tetrahydropyrido[2,3-*g*]quinolin-2(1*H*)-one;

- 4-Trifluoromethyl-7-methyl-6-cyclopropylmethyl-6,7,8,9-tetrahydropyrido[2,3-*g*]quinolin-2(1*H*)-one;
- 4-Trifluoromethyl-7-methyl-6-ethyl-6,7,8,9-tetrahydropyrido[2,3-*g*]quinolin-2(1*H*)-one;
- 4-Trifluoromethyl-7-methyl-6-(2,2,2-trifluoroethyl)-6,7,8,9-tetrahydropyrido[2,3-*g*]quinolin-2(1*H*)-one;
- 5 4-Trifluoromethyl-6-(2,2,2-trifluoroethyl)-6,7,8,9-tetrahydropyrido[2,3-*g*]quinolin-2(1*H*)-one;
- 4-Trifluoromethyl-6-propyl-6,7,8,9-tetrahydropyrido[2,3-*g*]quinolin-2(1*H*)-one;
- 4-Trifluoromethyl-6-ethyl-6,7,8,9-tetrahydropyrido[2,3-*g*]quinolin-2(1*H*)-one;
- 4-Trifluoromethyl-6-cyclopropylmethyl-6,7,8,9-tetrahydropyrido[2,3-*g*]quinolin-2(1*H*)-one;
- 10 6,7-Dihydro-8,8-dimethyl-4-(trifluoromethyl)-8*H*-pyrano[3,2-*g*]quinolin-2(1*H*)-one;
- 6,7-Dihydro-8,8,10-trimethyl-4-(trifluoromethyl)-8*H*-pyrano[3,2-*g*]quinolin-2(1*H*)-one;
- (±)-6,7-Dihydro-6-ethyl-4-methyl-8*H*-pyrano[3,2-*g*]quinolin-2(1*H*)-one
- (±)-7,8-Dihydro-8-ethyl-4-methyl-6*H*-pyrano[2,3-*f*]quinolin-2(1*H*)-one;
- (±)-6,7-Dihydro-6-ethyl-4-trifluoromethyl-8*H*-pyrano[3,2-*g*]quinolin-2(1*H*)-one;
- 15 (-)-6,7-Dihydro-6-ethyl-4-trifluoromethyl-8*H*-pyrano[3,2-*g*]quinolin-2(1*H*)-one;
- (+)-6,7-Dihydro-6-ethyl-4-trifluoromethyl-8*H*-pyrano[3,2-*g*]quinolin-2(1*H*)-one;
- (±)-6,7-Dihydro-6-ethyl-3-fluoro-4-trifluoromethyl-8*H*-pyrano[3,2-*g*]quinolin-2(1*H*)-one;
- (±)-6,7-Dihydro-6-ethyl-4-trifluoromethyl-1-methyl-8*H*-pyrano[3,2-*g*]quinolin-2(1*H*)-one;
- (±)-6,7-Dihydro-6-ethyl-3-fluoro-4-trifluoromethyl-1-methyl-8*H*-pyrano[3,2-*g*]quinolin-2(1*H*)-one;
- 20 2(1*H*)-one;
- (±)-6,7-Dihydro-6-ethyl-2,4-bis(trifluoromethyl)-8*H*-pyrano[3,2-*g*]quinoline;
- 6,8,8-Trimethyl-4-trifluoromethyl-8*H*-pyrano[3,2-*g*]coumarin;
- 6-Ethyl-8,8-dimethyl-4-trifluoromethyl-8*H*-pyrano[3,2-*g*]coumarin;
- (±)-5,6-Dihydro-6-hydroxymethyl-4-trifluoromethylpyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- 25 (±)-5,6-Dihydro-7-ethyl-6-hydroxymethyl-4-trifluoromethylpyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- 7,8-Dihydro-6-(2,2,2-trifluoroethyl)-4-trifluoromethylpyrrolo[2,3-*g*]quinolin-2(1*H*)-one;
- 6-(2,2,2-Trifluoroethyl)-4-trifluoromethylpyrrolo[2,3-*g*]quinolin-2(1*H*)-one;

8-Chloro-6-(2,2,2-trifluoroethyl)-4-trifluoromethylpyrrolo[2,3-g]quinolin-2(1H)-one;
5-Methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethylpyrrolo[3,2-f]quinolin-2(1H)-one;
6-Formyl-5-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-
2(1H)-one; and

5 5,6-Dimethyl-7-(2,2-difluorovinyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one.

41. A compound according to claim 1, wherein said compound is selected from the group of:

8-Ethyl-5,6,7,8-tetrahydro-7,7-dimethyl-4-trifluoromethylpyridino[3,2-f]quinolin-2(1H)-one;
10 5,6,7,8-Tetrahydro-7,7-dimethyl-4-trifluoromethyl-8-propylpyridino[3,2-f]quinolin-2(1H)-one;

8-(2,2,2-Trifluoroethyl)-5,6,7,8-tetrahydro-7,7-dimethyl-4-trifluoromethyl-pyridino[3,2-f]quinolin-2(1H)-one;

(±)-4c,5,6,7,7a(cis),8-Hexahydro-8-trifluoroethyl-4-trifluoromethylcyclopentano-
15 [g]pyrrolo[3,2-f]quinolin-2(1H)-one;

(±)-6,6a,7,8,9,9a(cis)-Hexahydro-6-trifluoroethyl-4-trifluoromethylcyclopentano-
[i]pyrrolo[2,3-g]quinolin-2(1H)-one;

(±)-4c,5,6,7,7a(cis),8-Hexahydro-8-ethyl-4-trifluoromethylcyclopentano-[g]pyrrolo[3,2-f]quinolin-2(1H)-one;

20 (±)-5,6-Dihydro-5,6-cis-dimethyl-7-trifluoroethyl-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;

(±)-7,8-Dihydro-7,8-cis-dimethyl-6-trifluoroethyl-4-trifluoromethyl-6H-pyrrolo[2,3-g]quinolin-2(1H)-one;

(±)-4c,5,6,7,7a(cis),8-Hexahydro-8-propyl-4-trifluoromethylcyclopentano-[g]pyrrolo-[3,2-f]quinolin-2(1H)-one;

25 (±)-4c,5,6,7,7a(cis),8-Hexahydro-8-(2,2,2-chlorodifluoroethyl)-4-trifluoromethylcyclopentano[g]pyrrolo[3,2-f]quinolin-2(1H)-one;

- (±)-4c,5,6,7,7a(*cis*),8-Hexahydro-8-cyclopropylmethyl-4-trifluoromethyl-
cyclopentano[g]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- (±)-4c,5,6,7,8,8a(*cis*)-Hexahydro-9-(2,2,2-trifluoroethyl)-4-trifluoromethyl-9H-
cyclohexano[g]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- 5 (±)-5,6- *cis*-Dihydro-6-ethyl-5-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-
pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- (±)-5,6- *cis*-Dihydro-5-butyl-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-
pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- (±)-5,6-Dihydro-5-ethyl-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-
10 *f*]quinolin-2(1*H*)-one;
- (±)-5,6-Dihydro-5-ethyl-6-propyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-
f]quinolin-2(1*H*)-one;
- (±)-5,6-*cis*-Dihydro-5-methyl-6-ethyl-7-(2,2,2-trifluoroethyl)-7*H*-pyrrolo[3,2-*f*]quinolin-
2(1*H*)-one;
- 15 5,6-Dimethyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- 6-Methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- 6-Ethyl-5-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-
one;
- 5-Ethyl-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-
20 one;
- 5,6,7,8-Tetrahydro-8-trifluoroethyl-4-trifluoromethylcyclopentano[g]pyrrolo[3,2-*f*]quinolin-
2(1*H*)-one;
- 6-Trifluoroethyl-4-trifluoromethyl-6,7,8,9-tetrahydrocyclopentano[*i*]pyrrolo[2,3-*g*]quinolin-
2(1*H*)-one;
- 25 7-Ethyl-8-methyl-6-(2,2,2-trifluoroethyl)-4-trifluoromethyl-6*H*-pyrrolo[2,3-*g*]quinolin-2(1*H*)-
one;
- 6-Ethyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

(+)-4c,5,6,7,7a(*cis*),8-Hexahydro-8-trifluoroethyl-4-trifluoromethylcyclopentano-
[g]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

(-)-4c,5,6,7,7a(*cis*),8-Hexahydro-8-trifluoroethyl-4-trifluoromethylcyclopentano-
[g]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

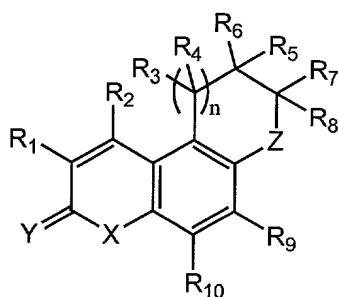
5 8-(2,2,2-Trifluoroethyl)-5,6,7,8-tetrahydro-5,7,7-trimethylpyrido[3,2-*f*]quinolin-2(1*H*)-one;
4-Trifluoromethyl-7-methyl-6-(2,2,2-trifluoroethyl)-6,7,8,9-tetrahydropyrido[2,3-*g*]quinolin-
2(1*H*)-one;

6,7-Dihydro-8,8-dimethyl-4-(trifluoromethyl)-8*H*-pyrano[3,2-*g*]quinolin-2(1*H*)-one;

(-)-6,7-Dihydro-6-ethyl-4-trifluoromethyl-8*H*-pyrano[3,2-*g*]quinolin-2(1*H*)-one; and

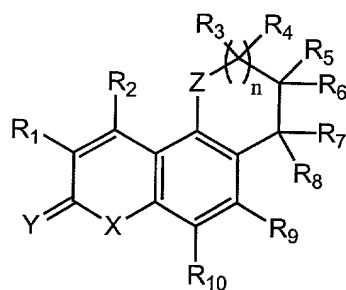
10 (+)-6,7-Dihydro-6-ethyl-4-trifluoromethyl-8*H*-pyrano[3,2-*g*]quinolin-2(1*H*)-one.

42. A pharmaceutical composition comprising a pharmaceutically acceptable
carrier and a compound of formula:



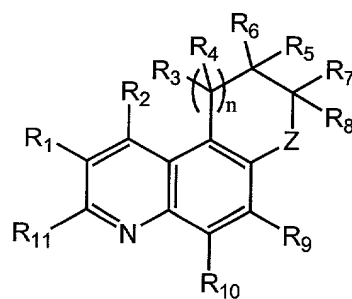
(I)

OR



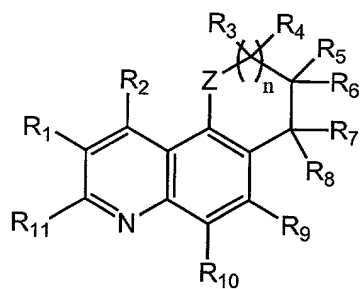
(II)

OR



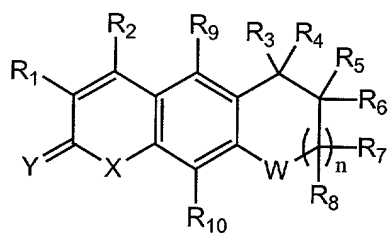
(III)

OR



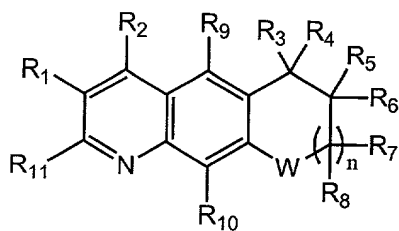
(IV)

OR



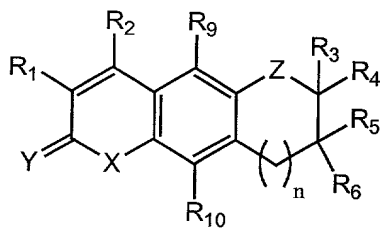
(V)

OR



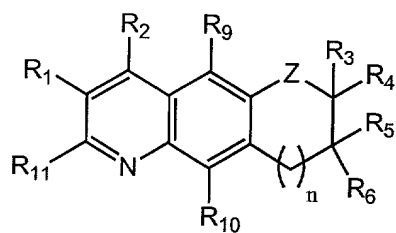
(VI)

OR



(VII)

OR



(VIII)

wherein:

R^1 is selected from the group of hydrogen, F, Cl, Br, I, NO_2 , OR^{12} , SR^{12} , SOR^{12} , SO_2R^{12} , $NR^{12}R^{13}$, C_1 - C_8 alkyl, C_1 - C_8 haloalkyl and C_1 - C_8 heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted;

R^2 is selected from the group of hydrogen, F, Cl, Br, I, CH_3 , CF_3 , CHF_2 , CH_2F , CF_2Cl ,
5 CN , CF_2OR^{12} , CH_2OR^{12} , OR^{12} , SR^{12} , SOR^{12} , SO_2R^{12} , $NR^{12}R^{13}$, C_1 - C_8 alkyl, C_1 - C_8 haloalkyl, C_1 - C_8 heteroalkyl, C_2 - C_8 alkenyl and C_2 - C_8 alkynyl, wherein the alkyl, haloalkyl, heteroalkyl, alkenyl and alkynyl groups may be optionally substituted;

R^3 through R^8 each independently is selected from the group of hydrogen, F, Cl, Br, I, OR^{12} , $NR^{12}R^{13}$, SR^{12} , SOR^{12} , SO_2R^{12} , C_1 - C_8 alkyl, C_1 - C_8 haloalkyl, C_1 - C_8 heteroalkyl, C_2 - C_8
10 alkynyl, C_2 - C_8 alkenyl, aryl, heteroaryl and arylalkyl, wherein the alkyl, haloalkyl, heteroalkyl, alkynyl, alkenyl, aryl, heteroaryl and arylalkyl groups may be optionally substituted; or

R^3 and R^5 taken together form a bond; or

R^5 and R^7 taken together form a bond; or

R^4 and R^6 taken together form a three- to eight-membered saturated or unsaturated carbocyclic or heterocyclic ring, wherein the carbocyclic or heterocyclic ring may optionally
15 substituted; or

R^6 and R^8 taken together form a three- to eight-membered saturated or unsaturated carbocyclic or heterocyclic ring, wherein the carbocyclic or heterocyclic ring may optionally
20 substituted;

R^9 and R^{10} each independently is selected from the group of hydrogen, F, Cl, Br, I, CN , OR^{12} , $NR^{12}R^{13}$, $C_m(R^{12})_{2m}OR^{13}$, SR^{12} , SOR^{12} , SO_2R^{12} , $NR^{12}C(O)R^{13}$, C_1 - C_8 alkyl, C_1 - C_8 haloalkyl, C_1 - C_8 heteroalkyl and arylalkyl, wherein the alkyl, haloalkyl, heteroalkyl and arylalkyl groups may be optionally substituted;

R^{11} is selected from the group of hydrogen, F, Br, Cl, I, CN , C_1 - C_8 alkyl, C_1 - C_8 haloalkyl, C_1 - C_8 heteroalkyl, OR^{14} , $NR^{14}R^{13}$, SR^{14} , CH_2R^{14} , $C(O)R^{14}$, CO_2R^{14} , $C(O)NR^{14}R^{13}$, SOR^{14} and SO_2R^{14} , wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally
25 substituted;

R^{12} and R^{13} each independently is selected from the group of hydrogen, C_1 - C_8 alkyl, C_1 - C_8 haloalkyl, C_1 - C_8 heteroalkyl, C_2 - C_8 alkenyl, C_2 - C_8 alkynyl, heteroaryl and aryl, wherein the alkyl, haloalkyl, heteroalkyl, alkenyl, alkynyl, heteroaryl and aryl groups may be optionally substituted;

5 R^{14} is selected from the group of hydrogen, C_1 - C_8 alkyl, C_1 - C_8 haloalkyl, C_1 - C_8 heteroalkyl, aryl, heteroaryl, $C(O)R^{15}$, CO_2R^{15} and $C(O)NR^{15}R^{16}$, wherein the alkyl, haloalkyl, heteroalkyl, aryl and heteroaryl groups may be optionally substituted;

10 R^{15} and R^{16} each independently is selected from the group of hydrogen, C_1 - C_8 alkyl, C_1 - C_8 haloalkyl, C_1 - C_8 heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted;

W is O or S;

X is selected from the group of O, S and $N\{R^{14}\}$;

Y is selected from the group of O, S, $N\{R^{12}\}$, $N\{OR^{12}\}$ and $CR^{12}R^{13}$;

Z is selected from the group of O, S and $N\{R^{12}\}$;

15 n is 0, 1 or 2;

m is 0, 1, or 2;

and pharmaceutically acceptable salts thereof.

20 43. A pharmaceutical composition according to claim 42, wherein the carrier is suitable for enteral, parenteral, suppository, or topical administration.

25 44. A pharmaceutical composition according to claim 42, wherein R^1 is selected from the group of hydrogen, F, Cl, Br, I, $C_1 - C_6$ alkyl, $C_1 - C_6$ haloalkyl and $C_1 - C_6$ heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted.

45. A pharmaceutical composition according to claim 44, wherein R^1 is selected from the group of hydrogen, F, Cl, $C_1 - C_4$ alkyl, $C_1 - C_4$ haloalkyl and $C_1 - C_4$ heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted.

5 46. A pharmaceutical composition according to claim 42, wherein R^2 is selected from the group of hydrogen, F, Cl, Br, CF_3 , CF_2Cl , CF_2H , CFH_2 , $C_1 - C_6$ alkyl, $C_1 - C_6$ haloalkyl and $C_1 - C_6$ heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted.

10 47. A pharmaceutical composition according to claim 46, wherein R^2 is selected from the group of hydrogen, F, Cl, Br, CF_3 , CF_2Cl , CF_2H , CFH_2 , $C_1 - C_4$ alkyl, $C_1 - C_4$ haloalkyl and $C_1 - C_4$ heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted.

15 48. A pharmaceutical composition according to claim 42, wherein R^9 and R^{10} each independently is selected from the group of hydrogen, F, Cl, Br, $C_1 - C_6$ alkyl, $C_1 - C_6$ haloalkyl and $C_1 - C_6$ heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted.

20 49. A pharmaceutical composition according to claim 48, wherein R^9 and R^{10} each independently is selected from the group of hydrogen, F and CH_3 .

25 50. A pharmaceutical composition according to claim 42, wherein R^{11} is selected from the group of hydrogen, F, Br, Cl, CN, $C_1 - C_6$ alkyl, $C_1 - C_6$ haloalkyl, $C_1 - C_6$ heteroalkyl, OR^{14} , $NR^{14}R^{13}$, SR^{14} , CH_2R^{14} , $C(O)R^{14}$, CO_2R^{14} , $C(O)NR^{14}R^{13}$, SOR^{14} and SO_2R^{14} , wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted.

51. A pharmaceutical composition according to claim 50, wherein R^{11} is selected from the group of hydrogen, F, Cl, OR^{14} , SR^{14} , $NR^{14}R^{13}$, CH_2R^{14} , $C(O)R^{14}$, CO_2R^{14} , $C(O)NR^{14}R^{13}$, SOR^{14} , SO_2R^{14} and optionally substituted C_1 - C_4 alkyl.

5 52. A pharmaceutical composition according to claim 42, wherein Y and W each independently is O or S.

53. A pharmaceutical composition according to claim 42, wherein Z is O or $N\{R^{12}\}$.

10 54. A pharmaceutical composition according to claim 42, wherein n is 0.

55. A pharmaceutical composition according to claim 42, wherein R^{12} is selected from the group of hydrogen, C_1 - C_6 alkyl, C_1 - C_6 haloalkyl, C_1 - C_6 heteroalkyl, C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, heteroaryl and aryl, wherein the alkyl, haloalkyl, heteroalkyl, alkenyl, alkynyl, heteroaryl and aryl groups may be optionally substituted.

15 56. A pharmaceutical composition according to claim 42, wherein X is O or $N\{R^{14}\}$.

20 57. A pharmaceutical composition according to claim 42, wherein R^3 and R^4 each independently is selected from the group of hydrogen, C_1 - C_6 alkyl, C_1 - C_6 haloalkyl and C_1 - C_6 heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted; or

25 R^3 and R^5 taken together form a bond; or
 R^4 and R^6 taken together form a four to six membered carbocyclic or heterocyclic ring, wherein the carbocyclic or heterocyclic ring may be optionally substituted.

58. A pharmaceutical composition according to claim 42, wherein R^5 and R^7 each independently is selected from the group of hydrogen, C_1 - C_6 alkyl, C_1 - C_6 haloalkyl and C_1 - C_6 heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted; or

5 R^5 and R^7 taken together form a bond.

59. A pharmaceutical composition according to claim 42, wherein R^6 and R^8 each independently is selected from the group of hydrogen, C_1 - C_6 alkyl, C_1 - C_6 haloalkyl, C_1 - C_6 heteroalkyl, heteroaryl and aryl, wherein the alkyl, haloalkyl, heteroalkyl, heteroaryl and aryl groups may be optionally substituted; or

R^6 and R^8 taken together form a three to eight membered saturated or unsaturated carbocyclic or heterocyclic ring, wherein the carbocyclic or heterocyclic ring may be optionally substituted.

60. A pharmaceutical composition according to claim 42, wherein:

R^1 is selected from the group of hydrogen, F, Cl, Br, I, C_1 - C_6 alkyl, C_1 - C_6 haloalkyl and C_1 - C_6 heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted;

20 R^2 is selected from the group of hydrogen, F, Cl, Br, CF_3 , CF_2Cl , CF_2H , CFH_2 , C_1 - C_6 alkyl; C_1 - C_6 haloalkyl and C_1 - C_6 heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted; and

R^3 and R^4 each independently is selected from the group of hydrogen, C_1 - C_6 alkyl, C_1 - C_6 haloalkyl and C_1 - C_6 heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted.

25 61. A pharmaceutical composition according to claim 60, wherein:

R⁵ through R⁸ each independently is selected from the group of hydrogen, C₁-C₆ alkyl, C₁-C₆ haloalkyl and C₁-C₆ heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted; or

R⁶ and R⁸ taken together form a four to six membered saturated or unsaturated carbocyclic or heterocyclic ring, wherein the carbocyclic or heterocyclic ring may be optionally substituted.

62. A pharmaceutical composition according to claim 61, wherein:

R⁹ and R¹⁰ each independently is selected from the group of hydrogen, F, Cl, Br, C₁-C₆ alkyl, C₁-C₆ haloalkyl and C₁-C₆ heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted;

R¹² is selected from the group of hydrogen, C₁-C₆ alkyl, C₁-C₆ haloalkyl and C₁-C₆ heteroalkyl, C₂-C₆ alkenyl, C₂-C₆ alkynyl, heteroaryl and aryl, wherein the alkyl, haloalkyl, heteroalkyl, alkenyl, alkynyl, heteroaryl and aryl groups may be optionally substituted; and

R¹⁴ is selected from the group of hydrogen, C₁-C₆ alkyl, C₁-C₆ haloalkyl, C₁-C₆ heteroalkyl, C(O)R¹⁵, CO₂R¹⁵ and C(O)NR¹⁵R¹⁶, wherein the alkyl, haloalkyl and heteroalkyl groups may be optionally substituted.

63. A pharmaceutical composition according to claim 62, wherein:

W is O or S;

X is O or N{R¹⁴};

Y is O or S;

Z is O or N{R¹²}; and

n is 0 or 1.

64. A method of treating an individual having a condition mediated by an androgen receptor comprising administering to said individual a pharmaceutically effective amount of a compound according to any one of claims 1, 40 or 41.

65. A method according to claim 64, wherein said compound is represented by formula (I).

5 66. A method according to claim 64, wherein said compound is represented by formula (II).

67. A method according to claim 64, wherein said compound is represented by formula (III).

10 68. A method according to claim 64, wherein said compound is represented by formula (IV).

15 69. A method according to claim 64, wherein said compound is represented by formula (V).

70. A method according to claim 64, wherein said compound is represented by formula (VI).

20 71. A method according to claim 64, wherein said compound is represented by formula (VII).

72. A method according to claim 64, wherein said compound is represented by formula (VIII).

25 73. A method according to claim 64, wherein said condition is selected from the group of acne, male-pattern baldness, impotence, sexual dysfunction, wasting diseases,

hirsutism, hypogonadism, prostatic hyperplasia, osteoporosis, cancer cachexia and hormone-dependent cancers.

74. A method according to claim 64, wherein said condition is alleviated with a
5 therapy selected from the group of male hormone replacement therapy, female androgen replacement therapy and stimulation of hematopoiesis.

75. A method of modulating an androgen receptor in an individual comprising
10 administering an androgen receptor modulating effective amount of a compound according to any one of claims 1, 40 or 41.

76. A method according to claim 64, wherein said individual has a condition
mediated by an androgen receptor

77. A method according to claim 76, wherein said condition is selected from the
15 group of acne, male-pattern baldness, impotence, sexual dysfunction, wasting diseases, hirsutism, hypogonadism, prostatic hyperplasia, osteoporosis, cancer cachexia and hormone-dependent cancers.

78. A method according to claim 76, wherein said condition is alleviated with a
20 therapy selected from the group of male hormone replacement therapy, female androgen replacement therapy and stimulation of hematopoiesis.

79. A method according to claim 75, wherein said modulation is activation.
25

80. A method according to claim 76, wherein said individual has a condition
mediated by an androgen receptor.

81. A method according to claim 80, wherein said condition is selected from the group of acne, male-pattern baldness, impotence, sexual dysfunction, wasting diseases, hirsutism, hypogonadism, prostatic hyperplasia, osteoporosis, cancer cachexia and hormone-dependent cancers.

5

82. A method according to claim 80, wherein said condition is alleviated with a therapy selected from the group of male hormone replacement therapy, female androgen replacement therapy and stimulation of hematopoiesis.

10

83. A method according to claim 79, wherein said compound provides 50% maximal activation of AR at a drug concentration of less than 100 nM.

84. A method according to claim 79, wherein said compound provides 50% maximal activation of AR at a drug concentration of less than 50 nM.

15

85. A method according to claim 79, wherein said compound provides 50% maximal activation of AR at a drug concentration of less than 20 nM.

20

86. A method according to claim 79, wherein said compound provides 50% maximal activation of AR at a drug concentration of less than 10 nM.

87. A method according to claim 75, wherein said modulation is inhibition.

25

88. A method according to claim 87, wherein said individual has a condition mediated by an androgen receptor.

89. A method according to claim 88, wherein said condition is selected from the group of acne, male-pattern baldness, impotence, sexual dysfunction, wasting diseases,

hirsutism, hypogonadism, prostatic hyperplasia, osteoporosis, cancer cachexia and hormone-dependent cancers.

5 90. A method according to claim 88, wherein said condition is alleviated with a therapy selected from the group of male hormone replacement therapy, female androgen replacement therapy and stimulation of hematopoiesis.

10 91. A method according to claim 87, wherein said compound provides 50% maximal inhibition of AR at a drug concentration of less than 100 nM.

92. A method according to claim 87, wherein said compound provides 50% maximal inhibition of AR at a drug concentration of less than 50 nM.

15 93. A method according to claim 87, wherein said compound provides 50% maximal inhibition of AR at a drug concentration of less than 20 nM.

94. A method according to claim 87, wherein said compound provides 50% maximal inhibition of AR at a drug concentration of less than 10 nM.

20 95. A method of treating cancer, comprising administering to a patient in need thereof an effective amount of a compound according to any one of claims 1, 40 or 41.

25 96. A method of determining the presence of an androgen receptor (AR) in a cell or cell extract comprising: (a) labeling a compound according to any one of claims 1, 40 or 41; (b) contacting the cell or cell extract with said labeled compound; and (c) testing the contacted cell or cell extract to determine the presence of AR.

97. A method for purifying a sample containing an androgen receptor *in vitro*, comprising: (a) contacting said sample with a compound according to any one of claims 1, 40 or 41; (b) allowing said compound to bind to said androgen receptor to form a bound compound/receptor combination; and (c) isolating said bound compound/receptor combination.

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